

ABSTRACT OF THE DISCLOSURE

A focus offset setting portion gives a predetermined quantity of offset to a focus control quantity used to reduce a focus error signal to zero  
5 based on the focus error signal generated by a focus error generation portion, and outputs a result. An adaptive equalizer including an adaptive control portion and an FIR filter subjects a reproduction signal RF provided from an optical pickup to waveform  
10 equalization based on a signal decoded by a Viterbi decoder. A controller obtains an optimum point of a focus offset by using a tap coefficient of the adaptive equalizer, and changes a set value of a focus offset setting portion.